BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements to roads and drains at Ramanshri apartment road in Chowdeshwari ward no-02.

Agency:-Sri.N Lokanathreddy No;05 Kaverinagara 7th cross, Kavalu Byrasandra, R.T.Nagara (Post) Bangalore-32

Final bill

Sl No	Description of item's	Unit	Previous Measurements		Present Measurements			Total Up to Date	
			Qty	Amount	Qty	Rate	Amount	Qty	Amount
Item No-01	Earth work excavation for foundation of structure like culverts,retaining wall etc,, as per drawing and technical specifications,includingy setting out,construction of shoring and bracing,dressing of sides and bottom,back filling with approved material,disposal of balance earth as per specificationincluding cost of labour,Hom etc,, complete ,in all kinds of soil by manual means. (Page No 256/ Item No. 34.15.1 of PW, P&IWTD SR 2018-2019)	cum			375.84	250.70	94223.09	375.84	94223.09
Item No-02	KSRB 4-1.2:Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @220kgs, with 40mm nominal size mechanically mixed,placed in foundation and compacted by vibration including curing for 14 days complete as per specifications. MORTH Specifications No 408,(Page No. 13 & Item No.4.1.2of PW, P&IWTD SR 2018-19)	cum			56.51	5048.67	285300.34	56.51	285300.34
Item No-03	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS 9103-1999 Reafirmed-2008,machine mixed,concrete laid in layers not exceeding 15cms thick,vibrated for all works in foundations for footings,pedestals,retaining walls return	cum			113.09	5500.66	622069.64	113.09	622069.64

Item No-04	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (Page No. 15& Item No.4.31of PW, P&IWTD SR 2018-19)	sqm			861.60	347.98	299819.57	861.60	299819.57
Item No-05	KSRRB -M2300-14;Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps,hooks and wastage shall not be measured and paid) cost of materials,labour,HOM of machinery complete as per Specifications.MORTH Specifications No.1600&2200 for TMT bars Fe 500age No. 239 & Item No.29.29.2of PW, P&IWTD SR 2018-19)	Tonne,s			6.79	67850.00	460701.50	6.79	460701.50
Item No-06	Providing and fixing RCC Precast Cover Slab of 100mm thick for drain in cement concrete M20 Using graded granite jelly 20mm and down size with steel reinforcement,including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per drawing and the directions of engineer in charge.(Data rate)	sqm			322.92	2143.00	692017.56	322.92	692017.56
							Total Bill Amount Rs.		**2454131.67**
							Add 12% GST Charges		**294495.80**
							Grand Total Amount RS		**2748627.47**

Contractor,s Representative

Assistant Engineer
Ward No-02

Assistant Executive Engineer
Yelahanka Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements to roads and drains at Ramanshri apartment road in Chowdeshwari ward no-02.

Agency:-Sri.N Lokanathreddy No;05 Kaverinagara 7th cross, Kavalu Byrasandra, R.T.Nagara (Post) Bangalore-32

MEASUREMENT SHEET Bill N0:-Final

Pre Measurements Taken On:- 29/06/2019

S.NO	Description of item's	Unit	No	Measurements			Qty	Remarks
				L	B	D		
Item N0-01	Earth work excavation for foundation of structure like culverts,retaining wall etc,, as per drawing and technical specifications,includingy setting out,construction of shoring and bracing,dressing of sides and bottom,back filling with approved material,disposal of balance earth as per specificationincluding cost of labour,Hom etc,, complete ,in all kinds of soil by manual means. (Page No 256/ Item No. 34.15.1 of PW, P&IWTD SR 2018-2019)							
	Ramanshri apartment 1st cross	cum	1	20.50	1.20	0.90	22.14	
			1	30.00	1.20	0.90	32.40	
			1	30.00	1.20	0.90	32.40	
			1	30.00	1.20	0.90	32.40	
			1	30.00	1.20	0.90	32.40	
			1	30.00	1.20	0.90	32.40	
			1	30.00	1.20	0.90	32.40	
			1	30.00	1.20	0.90	32.40	
			1	30.00	1.20	0.90	32.40	
			1	18.50	1.20	0.90	19.98	
			1	21.00	1.20	0.90	22.68	
	Culverts		1	9.00	2.40	1.20	25.92	
			1	9.00	2.40	1.20	25.92	
							375.84	

N, L Reddy
Contractor,s Representative

Assistant Engineer
Ward No-02

Assistant Executive Engineer
Yelahanka Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements to roads and drains at Ramanshri apartment road in Chowdeshwari ward no-02.

Agency:-Sri.N Lokanathreddy No;05 Kaverinagara 7th cross, Kavalu Byrasandra, R.T.Nagara (Post) Bangalore-32

MEASUREMENT SHEET Bill N0:-Final

Pre Measurements Taken On:- 02/07/2019

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item N0-02	KSRB 4-1.2:Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @220kgs, with 40mm nominal size mechanically mixed,placed in foundation and compacted by vibration including curing for 14 days complete as per specifications. MORTH Specifications No 408,(Page No. 13 & Item No.4.1.2of PW, P&IWTD SR 2018-19)							
	Ramanshri apartment 1st cross	cum	1	20.50	1.10	0.15	3.38	
			1	30.00	1.10	0.15	4.95	
			1	30.00	1.10	0.15	4.95	
			1	30.00	1.10	0.15	4.95	
			1	30.00	1.10	0.15	4.95	
			1	30.00	1.10	0.15	4.95	
			1	30.00	1.10	0.15	4.95	
			1	30.00	1.10	0.15	4.95	
			1	30.00	1.10	0.15	4.95	
			1	18.50	1.10	0.15	3.05	
			1	21.00	1.10	0.15	3.46	
	Culverts		1	9.00	1.95	0.20	3.51	
			1	9.00	1.95	0.20	3.51	
							56.51	

N,L Reddy
Contractor,s Representative

Assistant Engineer
Ward No-02

Assistant Executive Engineer
Yelahanka Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements to roads and drains at Ramanshri apartment road in Chowdeshwari ward no-02.

Agency:-Sri.N Lokanathreddy No;05 Kaverinagara 7th cross, Kavalu Byrasandra, R.T.Nagara (Post) Bangalore-32

MEASUREMENT SHEET Bill N0:-Final

Pre Measurements Taken On:- 05/07/19

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item N0-05	KSRRB -M2300-14;Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps,hooks and wastage shall not be measured and paid) cost of materials,labour,HOM of machinery complete as per Specifications.MORTH Specifications No.1600&2200 for TMT bars Fe 500age No. 239 & Item No.29.29.2of PW, P&IWTD SR 2018-19)							
	Main Rods 10mm Dia(0.10c/c)	Tonn						
			206	2.10	432.60			
			300	2.10	630.00			
			300	2.10	630.00			
			300	2.10	630.00			
			300	2.10	630.00			
			300	2.10	630.00			
			300	2.10	630.00			
			300	2.10	630.00			
			186	2.10	390.60			
			211	2.10	443.10			
					6306.30	0.62	3909.90	
	Distrubution Rods 8mm Dia(0.15c/c)							
			15	20.40	306.00			
			15	30.00	450.00			
			15	30.00	450.00			
			15	30.00	450.00			
			15	30.00	450.00			
			15	30.00	450.00			
			15	30.00	450.00			
			15	30.00	450.00			
			15	30.00	450.00			
			15	18.40	276.00			
			15	20.90	313.50			
					4495.50	0.39	1753.24	
	Culverts Main Rods 12mm Dia(0.12c/c)							
	Inner Rods		75.00	2.10	157.50			
			75.00	2.10	157.50			
	Outer Rods		76.00	2.70	205.20			
			76.00	2.70	205.20			
	Crank Rods		36.00	1.80	64.80			
			74.00	1.30	96.20			
					886.40	0.89	788.89	
	Distrubution Rods 10mm Dia(0.20c/c)							
			11	8.90	97.90			
			11	8.90	97.90			
			14	8.90	124.60			
			14	8.90	124.60			
		5	6	8.90	53.40			

			7	8.90	62.30			
					560.70	0.62	347.63	
							6799.66	
							6.79	

N.L Reddy
Contractor,s Representative

Assistant Engineer
Ward No-02

Assistant Executive Engineer
Yelahanka Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements to roads and drains at Ramanshri apartment road in Chowdeshwari ward no-02.

Agency:-Sri.N Lokanathreddy No;05 Kaverinagara 7th cross, Kavalu Byrasandra, R.T.Nagara (Post) Bangalore-32

MEASUREMENT SHEET Bill N0:-Final

Pre Measurements Taken On:- 10/07/19

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item N0-04	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (Page No. 15& Item No.4.31of PW, P&IWTD SR 2018-19)							
	Side walls:-Inside	sqm	2	20.50		0.60	24.60	
			2	30.00		0.60	36.00	
			2	30.00		0.60	36.00	
			2	30.00		0.60	36.00	
			2	30.00		0.60	36.00	
			2	30.00		0.60	36.00	
			2	30.00		0.60	36.00	
			2	30.00		0.60	36.00	
			2	30.00		0.60	36.00	
			2	18.50		0.60	22.20	
			2	21.00		0.60	25.20	
	outside		2	20.50		0.75	30.75	
			2	30.00		0.75	45.00	
			2	30.00		0.75	45.00	
			2	30.00		0.75	45.00	
			2	30.00		0.75	45.00	
			2	30.00		0.75	45.00	
			2	30.00		0.75	45.00	
			2	30.00		0.75	45.00	
			2	30.00		0.75	45.00	
			2	18.50		0.75	27.75	
			2	21.00		0.75	31.50	
	Culvert,s for Side Walls:-In Side		2	9.00		0.60	10.80	
			2	9.00		0.60	10.80	
	Culvert Side Walls:-Out Side		2	9.00		0.80	14.40	
			2	9.00		0.80	14.40	
	Deck slab		1	9.00		0.60	5.40	
							865.80	
			Limited To Schedule B Qty				861.60	

N. L Reddy
Contractor,s Representative

Assistant Engineer
Ward No-02

Assistant Executive Engineer
Yelahanka Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work:-Improvements to roads and drains at Ramanshri apartment road in Chowdeshwari ward no-02.

Agency:-Sri.N Lokanathreddy No;05 Kaverinagara 7th cross, Kavalu Byrasandra, R.T.Nagara (Post) Bangalore-32

MEASUREMENT SHEET Bill N0:-Final

Measurements Taken On:- 16/08/19

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item N0-03	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS 9103-1999 Reafirmed-2008,machine mixed,concrete laid in layers not exceeding 15cms thick,vibrated for all works in foundations for footings,pedestals,retaining walls return walls,walls(any thickness)including attached pilasters,columnspillars,posts,struts,buttresses,bed blocks,anchor blocks&plinths etc including cost of all materials,labour,HOM curing complete But excluding cost of reinforcement as per specifications,Specifications no KBS 4.1,4.6 (Page No. 14 & Item No.4.11 of PW, P&IWTD SR 2018-19)							
	Ramanshri apartment 1st cross	cum	1	20.50	0.90	0.15	2.77	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	30.00	0.90	0.15	4.05	
			1	18.50	0.90	0.15	2.50	
			1	21.00	0.90	0.15	2.84	
	Side walls		2	20.50	0.15	0.60	3.69	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	30.00	0.15	0.60	5.40	
			2	18.50	0.15	0.60	3.33	
			2	21.00	0.15	0.60	3.78	
	Culvert Bottom		1	9.00	1.80	0.30	4.86	
	Side Walls		2	9.00	0.30	0.60	3.24	
	Deckslab		1	9.00	1.20	0.23	2.48	
	Culvert Bottom		1	9.00	1.80	0.30	4.86	
	Side Walls		2	9.00	0.30	0.60	3.24	
							113.09	

N, L Reddy
Contractor,s Representative

Assistant Engineer
Ward No-02

Assistant Executive Engineer
Yelahanka Sub Division

YELAHANKA ZONE

Name of Work:-Improvements to roads and drains at Ramanshri apartment road in Chowdeshwari ward no-02.

Agency:-Sri.N Lokanathreddy No;05 Kaverinagara 7th cross, Kavalu Byrasandra, R.T.Nagara (Post) Bangalore-32

MEASUREMENT SHEET Bill N0:-Final

Measurements Taken On:- 21/08/19

S.NO	Description of item's	Unit	No	Measurements L	B	D	Qty	Remarks
Item N0-06	Providing and fixing RCC Precast Cover Slab of 100mm thick for drain in cement concrete M20 Using graded granite jelly 20mm and down size with steel reinforcement,including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per drawing and the directions of engineer in charge.(Data rate)							
	Ramanshri apartment 1st cross	sqm	1	20.50	0.90		18.45	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	30.00	0.90		27.00	
			1	18.50	0.90		16.65	
	Vinayaka Layout Missing Slabs:-1st Main		10	0.90	0.60		5.40	
			4	0.90	0.60		2.16	
	2nd Main		13	0.90	0.60		7.02	
			17	0.90	0.60		9.18	
	3rd Main		12	0.90	0.60		6.48	
			7	0.90	0.60		3.78	
			5	0.90	0.60		2.70	
	4th Main		11	0.90	0.60		5.94	
			16	0.90	0.60		8.64	
	5th Main		5	0.90	0.60		2.70	
			9	0.90	0.60		4.86	
	2nd cross		24	0.90	0.60		12.96	
							322.92	

N. L Reddy
Contractor,s Representative

Assistant Engineer
Ward No-02

Assistant Executive Engineer
Yelahanka Sub Division